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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,382	. 09/23/2003	Akira Ishii	117231	1934
25944 OLIFF & BER	7590 09/18/200 RIDGE, PLC	EXAMINER		
P.O. BOX 19928 ALEXANDRIA, VA 22320			VO, QUANG N	
ALEXANDRIA	A, VA 22320		ART UNIT	PAPER NUMBER
			2625	
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			09/18/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary    The MAILING DATE of this communication appears on the cover sheet with the correspondence address   Period for Reply   A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS,   WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.   Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.   If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.   Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).    Status   1)   Responsive to communication(s) filed on 18 July 2007.		Application No.	Applicant(s)				
Examiner Queng N. Vo  - The MAILING DATE of this communication appears on the cover sheet with the correspondence address = Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time ray be available under the provisions of 3°C PR 1.136(b), in no event, however, tray a leight be timely filed.  If No protein or tray is specified which, the maximum statutory sected will appear and will expire SM, MONTHS from the mailing date of this communication. Failure to reply whith the set or estancing prior for reply will, by statutory sected will appear and will expire SM, MONTHS from the mailing date of this communication. Failure to reply whith the set or estancing prior for reply will, by statute yearout will appear and will expire SM, MONTHS from the mailing date of the communication. Failure to reply whith the set or estancing prior for reply will, by statute, cause the application is become abswindower. Set ST 0.78 1.73(4b).  Status  1) Responsive to communication(s) filed on 18 July 2007.  2a) This action is FINAL.  2b) This action is in FINAL.  2c) Claim(s) 1.15 is/are pending in the application.  4) Claim(s) 1.15 is/are pending in the application.  4) Claim(s) 1.15 is/are allowed.  6) Claim(s) 1.15 is/are allowed.  6) Claim(s) 1.15 is/are objected to by the Examiner.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on solve that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priorit							
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Application/Control Number: 10/667,382

Art Unit: 2625

## **DETAILED ACTION**

## Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-15 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Because in claims 1 and 13, the phrase "...satisfy a relationship that **first vectors**, each being either **one of two** screen vectors in a spatial frequency domain defined by basis vectors in two directions of a halftone dot pattern in the first –color or second-color halftone screen, are parallel to each other and second vector, each being the other one of the two screen vector are not parallel to each other". Two screen vectors, they are either parallel to each other or not parallel to each other, the examiner does not see how it is possible to have a vector A parallel to another vector B and have vector A not parallel to vector B at the same time.

Claims 2-12, 12-15 are rejected under 35 USC 112 first paragraph because they depend on rejected claims 1 and 13.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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Claims 1-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Because in claim 1, the phrase "...satisfy a relationship that **first vectors**, each being either **one of two** screen vectors in a spatial frequency domain defined by basis vectors in two directions of a halftone dot pattern in the first —color or second-color halftone screen, are parallel to each other and second vector, each being the other one of the two screen vector are not parallel to each other". Two screen vectors, they are either parallel to each other or not parallel to each other, the examiner does not see how it is possible to have a vector A parallel to another vector B and have vector A not parallel to vector B at the same time.

Claims 2-12, 12-15 are rejected under 35 USC 112 second paragraph because they depend on rejected claims 1 and 13.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Vo whose telephone number is 5712701121. The examiner can normally be reached on 7:30AM-5:00PM Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, King Y. Poon can be reached on 5712727440. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Quang N. Vo 9/5/07 Patent Examiner

Quangilo

SUPERVISORY PATENT EXAMINER